UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/812,509	03/30/2004	Lee W. Sapiro	EMC-042PUS	3249

51576   7590   08/20/2008

EMC CORPORATION
c/o DALY, CROWLEY, MOFFORD & DURKEE, LLP
354A TURNPIKE STREET
SUITE 301A
CANTON, MA 02021-2714

EXAMINER
PATEL, HARESH N

ART UNIT	PAPER NUMBER
2154	

MAIL DATE	DELIVERY MODE
08/20/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *27 May 2008*.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-42* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-16,18-28,30-40 and 42* is/are rejected.

7)☒ Claim(s) *17,29 and 41* is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date *5/27/08*.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____ .

U.S. Patent and Trademark Office

PTOL-326 (Rev. 08-06)   Office Action Summary   Part of Paper No./Mail Date 20080816

DETAILED ACTION

1.   Claims 1-42 are subject to examination. Claims 17, 29, 41 are allowable but objected to.

Response to Arguments

2.   Applicant's arguments with respect to the amended claims 1-42 have been considered but are moot in view of the new ground(s) of rejection.

3.   The double patenting rejections of the office action dated 12/31/2007 are maintained (see remarks dated 5/27/2008, the double patenting rejections of the office action dated 12/31/2007 are in here incorporated).

4.   The objection to the title of the office action dated 12/31/2007 is maintained.

Information Disclosure Statement

5.   An initialed and dated copy of the applicant's IDS form 1449, paper dated 5/27/08, is attached to the instant Office action.

Claim Rejections - 35 USC § 102

6.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7.   Claims 1-16, 18-28, 30-40, 42 are rejected under 35 U.S.C. 102(e) as being anticipated by

Zahavi et al. 7,082,441 (Hereinafter Zahavi).

8.   Referring to claims 1, 19, 31, Zahavi discloses a method of displaying alert information

in a network, An article, comprising: a storage medium having stored thereon instructions that

when executed by a machine result in the following, a computer system, comprising: a processor;

a display coupled to the processor; and a memory coupled to the processor; wherein the memory

includes stored instructions that when executed result in the following (e.g., col., 3): storing

performance information for network objects at predetermined time intervals (e.g., col., 3);

determining at least one potential root cause of one or more alerts in the network (e.g., col., 4);

and displaying a summary view including a plurality of cells (e.g., col., 4), each cell representing

a period of time and comprising a boundary display region to display an alert status indication

for the network objects at the represented period of time (e.g., col., 4), the cells in the plurality of

cells ordered according to each cell's represented period of time (e.g., col., 4).

9.   Referring to claims 2, 20,32, Zahavi discloses the claimed limitations as rejected above.

Zahavi also discloses displaying a first region corresponding to a first network object type,

wherein the plurality of cells includes a first series of cells providing alert information for one or

more objects of the first object type (e.g., col., 3).

10.   Referring to claims 3, 33, 21, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses displaying a second region corresponding to a second network object type, wherein the plurality of cells includes a second series of cells providing alert information for one or more objects of the second object type (e.g., col., 4).

11.   Referring to claims 4, 34, 22, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses displaying alert information for all first object type devices in the first region and for selected ones of the first object type devices (e.g., col., 5).

12.   Referring to claims 5, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses wherein the selected ones of the first object type correspond to a user-created group of objects (e.g., col., 5).

13.   Referring to claims 6, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses displaying a first time/date box and a second time/date box, and displaying alert information for a time period corresponding to the first time/date box (e.g., col., 7).

14.   Referring to claims 7, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses displaying alert information for a time period corresponding to the second time/date box for comparison to the alert information for the first time/date (e.g., col., 7).

15.   Referring to claims 8, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses receiving a date selection for the second date (e.g., col., 7).

16.   Referring to claims 9, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses receiving a user selection of the predetermined interval for performance data collection (e.g., col., 4).

17.   Referring to claims 10, 25, 37, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses receiving a user selection of the cell time period (e.g., col., 3).

18.   Referring to claims 11, 38, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses wherein the alert information includes at least a no alert status and alert status (e.g., col., 3).

19.   Referring to claims 12, 26, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses wherein the alert information includes at least a no alert status, a medium alert status and a critical alert status (e.g., col., 3).

20.   Referring to claims 14, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses wherein the particular cell is selected by a user (e.g., col., 4).

21.   Referring to claims 15, 40, 28, Zahavi discloses the claimed limitations as rejected above.

Zahavi also discloses displaying a graph of performance data for one or more of the network

objects (e.g., col., 4).

22.   Referring to claims 16, Zahavi discloses the claimed limitations as rejected above. Zahavi

also discloses displaying a threshold associated with the performance data for the one or more

network objects (e.g., col., 4).

23.   Referring to claims 18, Zahavi discloses the claimed limitations as rejected above. Zahavi

also discloses determining at least one root potential root cause of one or more alerts (e.g., col.,

5).

24.   Referring to claims 23, 35, Zahavi discloses the claimed limitations as rejected above.

Zahavi also discloses displaying a first date box and a second date box, and displaying alert

information for the first date (e.g., col., 7).

25.   Referring to claims 24, 36, Zahavi discloses the claimed limitations as rejected above.

Zahavi also discloses displaying alert information for the second date for comparison to the alert

information for the first date (e.g., col., 6).

26.   Referring to claims 27, 13, 39, Zahavi discloses the claimed limitations as rejected above.

Zahavi also discloses displaying a topographical map including a plurality of regions for

displaying respective network object types associated with one or more alerts, the map

corresponding to a particular cell in the summary view (e.g., col., 4).

27.   Referring to claims 30, 42, Zahavi discloses the claimed limitations as rejected above.

Zahavi also discloses displaying performance data for a metric selected by a user (e.g., col., 3).

28.   Referring to claims 32, Zahavi discloses the claimed limitations as rejected above. Zahavi

also discloses displaying a first region corresponding to a first network object type, wherein the

plurality of cells includes a first series of cells providing alert information for one or more

objects of the first object type (e.g., col., 3).

29.   Referring to claims 33, Zahavi discloses the claimed limitations as rejected above. Zahavi

also discloses displaying a second region corresponding to a second network object type,

wherein the plurality of cells includes a second series of cells providing alert information for one

or more objects of the second object type (e.g., col., 3).

30.   Referring to claims 34, Zahavi discloses the claimed limitations as rejected above. Zahavi

also discloses displaying alert information for all first object type devices in the first region and

for selected ones of the first object type devices (e.g., col., 4).

31.   Referring to claims 35, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses displaying a first date box and a second date box, and displaying alert information for the first date (e.g., col., 4).

32.   Referring to claims 36, Zahavi discloses the claimed limitations as rejected above. Zahavi also discloses displaying alert information for the second date for comparison to the alert information for the first date (e.g., col., 4).

33.   Claims 1-16, 18-28, 30-40, 42 are rejected under 35 U.S.C. 102(e) as being anticipated by Marokhovsky et al. 6,804,627 (Hereinafter Marokhovsky).

34.   Referring to claims 1, 19, 31, Marokhovsky discloses a method of displaying alert information in a network, An article, comprising: a storage medium having stored thereon instructions that when executed by a machine result in the following, a computer system, comprising: a processor; a display coupled to the processor; and a memory coupled to the processor; wherein the memory includes stored instructions that when executed result in the following (e.g., col., 5): storing performance information for network objects at predetermined time intervals (e.g., col., 5); determining at least one potential root cause of one or more alerts in the network (e.g., col., 6); and displaying a summary view including a plurality of cells (e.g., col., 6), each cell representing a period of time and comprising a boundary display region to display an alert status indication for the network objects at the represented period of time (e.g.,

col., 6), the cells in the plurality of cells ordered according to each cell's represented period of time (e.g., col., 6).

35.   Referring to claims 2, 20,32, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying a first region corresponding to a first network object type, wherein the plurality of cells includes a first series of cells providing alert information for one or more objects of the first object type (e.g., col., 5).

36.   Referring to claims 3, 33, 21, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying a second region corresponding to a second network object type, wherein the plurality of cells includes a second series of cells providing alert information for one or more objects of the second object type (e.g., col., 6).

37.   Referring to claims 4, 34, 22, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying alert information for all first object type devices in the first region and for selected ones of the first object type devices (e.g., col., 5).

38.   Referring to claims 5, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses wherein the selected ones of the first object type correspond to a user-created group of objects (e.g., col., 5).

39.   Referring to claims 6, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying a first time/date box and a second time/date box, and displaying alert information for a time period corresponding to the first time/date box (e.g., col., 7).

40.   Referring to claims 7, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying alert information for a time period corresponding to the second time/date box for comparison to the alert information for the first time/date (e.g., col., 7).

41.   Referring to claims 8, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses receiving a date selection for the second date (e.g., col., 7).

42.   Referring to claims 9, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses receiving a user selection of the predetermined interval for performance data collection (e.g., col., 6).

43.   Referring to claims 10, 25, 37, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses receiving a user selection of the cell time period (e.g., col., 5).

44.   Referring to claims 11, 38, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses wherein the alert information includes at least a no alert status and alert status (e.g., col., 5).

45.   Referring to claims 12, 26, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses wherein the alert information includes at least a no alert status, a medium alert status and a critical alert status (e.g., col., 5).

46.   Referring to claims 14, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses wherein the particular cell is selected by a user (e.g., col., 6).

47.   Referring to claims 15, 40, 28, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying a graph of performance data for one or more of the network objects (e.g., col., 6).

48.   Referring to claims 16, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying a threshold associated with the performance data for the one or more network objects (e.g., col., 6).

49.   Referring to claims 18, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses determining at least one root potential root cause of one or more alerts (e.g., col., 5).

50.   Referring to claims 23, 35, Marokhovsky discloses the claimed limitations as rejected

above. Marokhovsky also discloses displaying a first date box and a second date box, and

displaying alert information for the first date (e.g., col., 7).

51.   Referring to claims 24, 36, Marokhovsky discloses the claimed limitations as rejected

above. Marokhovsky also discloses displaying alert information for the second date for

comparison to the alert information for the first date (e.g., col., 6).

52.   Referring to claims 27, 13, 39, Marokhovsky discloses the claimed limitations as rejected

above. Marokhovsky also discloses displaying a topographical map including a plurality of

regions for displaying respective network object types associated with one or more alerts, the

map corresponding to a particular cell in the summary view (e.g., col., 6).

53.   Referring to claims 30, 42, Marokhovsky discloses the claimed limitations as rejected

above. Marokhovsky also discloses displaying performance data for a metric selected by a user

(e.g., col., 5).

54.   Referring to claims 32, Marokhovsky discloses the claimed limitations as rejected above.

Marokhovsky also discloses displaying a first region corresponding to a first network object

type, wherein the plurality of cells includes a first series of cells providing alert information for

one or more objects of the first object type (e.g., col., 5).

55.   Referring to claims 33, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying a second region corresponding to a second network object type, wherein the plurality of cells includes a second series of cells providing alert information for one or more objects of the second object type (e.g., col., 5).

56.   Referring to claims 34, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying alert information for all first object type devices in the first region and for selected ones of the first object type devices (e.g., col., 6).

57.   Referring to claims 35, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying a first date box and a second date box, and displaying alert information for the first date (e.g., col., 6).

58.   Referring to claims 36, Marokhovsky discloses the claimed limitations as rejected above. Marokhovsky also discloses displaying alert information for the second date for comparison to the alert information for the first date (e.g., col., 6).

59.   Claims 1-16, 18-28, 30-40, 42 are rejected under 35 U.S.C. 102(e) as being anticipated by Naamad et al. 7,356,452 (Hereinafter Naamad).

60.   Referring to claims 1, 19, 31, Naamad discloses a method of displaying alert information

in a network, An article, comprising: a storage medium having stored thereon instructions that

when executed by a machine result in the following, a computer system, comprising: a processor;

a display coupled to the processor; and a memory coupled to the processor; wherein the memory

includes stored instructions that when executed result in the following (e.g., col., 2): storing

performance information for network objects at predetermined time intervals (e.g., col., 2);

determining at least one potential root cause of one or more alerts in the network (e.g., col., 3);

and displaying a summary view including a plurality of cells (e.g., col., 3), each cell representing

a period of time and comprising a boundary display region to display an alert status indication

for the network objects at the represented period of time (e.g., col., 3), the cells in the plurality of

cells ordered according to each cell's represented period of time (e.g., col., 3).

61.   Referring to claims 2, 20,32, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying a first region corresponding to a first network object type,

wherein the plurality of cells includes a first series of cells providing alert information for one or

more objects of the first object type (e.g., col., 2).

62.   Referring to claims 3, 33, 21, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying a second region corresponding to a second network object

type, wherein the plurality of cells includes a second series of cells providing alert information

for one or more objects of the second object type (e.g., col., 3).

63.   Referring to claims 4, 34, 22, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying alert information for all first object type devices in the first

region and for selected ones of the first object type devices (e.g., col., 2).

64.   Referring to claims 5, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses wherein the selected ones of the first object type correspond to a user-

created group of objects (e.g., col., 2).

65.   Referring to claims 6, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying a first time/date box and a second time/date box, and

displaying alert information for a time period corresponding to the first time/date box (e.g., col.,

4).

66.   Referring to claims 7, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying alert information for a time period corresponding to the second

time/date box for comparison to the alert information for the first time/date (e.g., col., 4).

67.   Referring to claims 8, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses receiving a date selection for the second date (e.g., col., 4).

68.   Referring to claims 9, Naamad discloses the claimed limitations as rejected above.
Naamad also discloses receiving a user selection of the predetermined interval for performance
data collection (e.g., col., 3).

69.   Referring to claims 10, 25, 37, Naamad discloses the claimed limitations as rejected
above. Naamad also discloses receiving a user selection of the cell time period (e.g., col., 2).

70.   Referring to claims 11, 38, Naamad discloses the claimed limitations as rejected above.
Naamad also discloses wherein the alert information includes at least a no alert status and alert
status (e.g., col., 2).

71.   Referring to claims 12, 26, Naamad discloses the claimed limitations as rejected above.
Naamad also discloses wherein the alert information includes at least a no alert status, a medium
alert status and a critical alert status (e.g., col., 2).

72.   Referring to claims 14, Naamad discloses the claimed limitations as rejected above.
Naamad also discloses wherein the particular cell is selected by a user (e.g., col., 3).

73.   Referring to claims 15, 40, 28, Naamad discloses the claimed limitations as rejected
above. Naamad also discloses displaying a graph of performance data for one or more of the
network objects (e.g., col., 3).

74.   Referring to claims 16, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying a threshold associated with the performance data for the one or

more network objects (e.g., col., 3).

75.   Referring to claims 18, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses determining at least one root potential root cause of one or more alerts

(e.g., col., 2).

76.   Referring to claims 23, 35, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying a first date box and a second date box, and displaying alert

information for the first date (e.g., col., 4).

77.   Referring to claims 24, 36, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying alert information for the second date for comparison to the

alert information for the first date (e.g., col., 3).

78.   Referring to claims 27, 13, 39, Naamad discloses the claimed limitations as rejected

above. Naamad also discloses displaying a topographical map including a plurality of regions for

displaying respective network object types associated with one or more alerts, the map

corresponding to a particular cell in the summary view (e.g., col., 3).

79.   Referring to claims 30, 42, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying performance data for a metric selected by a user (e.g., col., 2).

80.   Referring to claims 32, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying a first region corresponding to a first network object type,

wherein the plurality of cells includes a first series of cells providing alert information for one or

more objects of the first object type (e.g., col., 2).

81.   Referring to claims 33, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying a second region corresponding to a second network object

type, wherein the plurality of cells includes a second series of cells providing alert information

for one or more objects of the second object type (e.g., col., 2).

82.   Referring to claims 34, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying alert information for all first object type devices in the first

region and for selected ones of the first object type devices (e.g., col., 3).

83.   Referring to claims 35, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying a first date box and a second date box, and displaying alert

information for the first date (e.g., col., 3).

84.   Referring to claims 36, Naamad discloses the claimed limitations as rejected above.

Naamad also discloses displaying alert information for the second date for comparison to the

alert information for the first date (e.g., col., 3).

Allowable Subject Matter

Claims 17, 29 and 41 are objected to as being dependent upon a rejected base claim, but

would be allowable if rewritten in independent form including all of the limitations of the base

claim and any intervening claims.

Conclusion

85.   In order to expedite the prosecution of this case, multiple references are used for the

rejections to demonstrate that several references disclose the claimed subject matter of the

claims.

THIS ACTION IS MADE FINAL necessitated by the applicant's amendments to the

claims. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Examiner has cited particular columns and line numbers and/or paragraphs and/or sections and/or page numbers in the reference(s) as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety, as potentially teaching, all or part of the claimed invention, as well as the context of the passage, as taught by the prior art or disclosed by the Examiner.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haresh Patel whose telephone number is (571) 272-3973. The examiner can normally be reached on Monday, Tuesday, Thursday and Friday from 10:00 am to 8:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached at (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Haresh N. Patel/

Primary Examiner, Art Unit 2154

8/16/08